	Type	Hits	Search Text	DBs
1	BRS	1	edit with formation with model with meta	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
2	BRS	4	edit with formation with model	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
3	BRS	42	S41 and meta$4 and model$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
4	BRS	3	S45 and constraint	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
5	BRS	85	(S43 or S44) and universal	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
6	BRS	1	S40 and S41	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
7	BRS	122	S40 and meta$4 and model$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
8	BRS	1944	"data formation"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
9	BRS	454	"edit time"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB

P☮RTAL
USPTO

Subscribe (Full Service)   Register (Limited Service, Free)   Login

Search: ○ The ACM Digital Library   ◉ The Guide

"universal editor"   **SEARCH**

THE GUIDE TO COMPUTING LITERATURE   ❦ Feedback Report a problem Satisfaction survey

Terms used **universal editor**   Found **6** of **867,326**

Sort results by | relevance ▾ | ❧ Save results to a Binder   Try an Advanced Search

Display results | expanded form ▾ | ❓ Search Tips   Try this search in The Digital Library

                                               ☐ Open results in a new window

Results 1 - 6 of 6

Relevance scale ☐▭◪◪■

1 Universal editor unattainable   ■
C. S. Yovev
December 1990 **ACM SIGPLAN Notices**, Volume 25 Issue 12

Full text available: 📄 pdf(315.79 KB)   Additional Information: full citation, abstract, index terms

A universal editor problem has been formulated, based on a notion of editability specified by a class of formal text-manipulation models - T-spaces, for which editability is equivalent to computability.Unlike the superficially similar universal Turing machine problem, the universal editor problem and its complement are not r.e., so the ultimate universal editor is an unattainable goal.Thus the bad news is that we cannot manipulate all editable languages in all possible ways. Nevertheless, there ...

2 Complete control: universal editor/librarians   ◼
Bruce A. Johnson, Gary Hall
April 1990 **Electronic Musician**, Volume 6 Issue 6

Additional Information: full citation, index terms

3 The implementation and experiences of a structure-oriented text editor.   ▭
O. Strömfors, L. Jonesjö
June 1981 **ACM SIGPLAN Notices , Proceedings of the ACM SIGPLAN SIGOA symposium on Text manipulation**, Volume 16 Issue 6
Full text available: 📄 pdf(550.14 KB)   Additional Information: full citation, abstract, references, citings, index terms

This paper presents a generalized approach to data editing in interactive systems. We describe the ED3 editor, which is a powerful tool for text editing combining the ability to handle hierarchical structures with screen-oriented text editing facilities. Extensions for handling simple pictures and formatted data records in a uniform way are part of our approach. Examples of ED3 applications are presented.

4 LELISP, a portable and efficient LISP system   ▭
Jérome Chailloux, Ma´thieu Devin, Jean-Marie Hullot
August 1984 **Proceedings of the 1984 ACM Symposium on LISP and functional programming**
Full text available: 📄 pdf(724.55 KB)   Additional Information: full citation, abstract, references, citings, index terms

This paper describes the LELISP system, developed at the VLSI project at INRIA, which has been designed for efficiency, easy transport and large systems construction. It also presents the programming environment (including an object oriented extension, a meta pretty printer, a parser generator, a universal editor) and some current applications.

5 Interactive Editing Systems: Part II
Norman Meyrowitz, Andries van Dam
September 1982 **ACM Computing Surveys (CSUR)**, Volume 14 Issue 3

Full text available: pdf(9.17 MB)   Additional Information: <u>full citation</u>, <u>references</u>, <u>citings</u>, <u>index terms</u>

6 Conference review
Stuart Lowry
September 1999 **intelligence**, Volume 10 Issue 3

Full text available: pdf(184.05 KB)
html(19.75 KB)   Additional Information: <u>full citation</u>, <u>index terms</u>

Results 1 - 6 of 6

THE GUIDE TO COMPUTING LITERATURE   ᶠ Feedback Report a problem Satisfaction survey

Terms used **meta model universal independent**   Found **78** of **899** searched out of **899**.

Sort results by | relevance ▽ | ● Save results to a Binder   Try an Advanced Search
Display results | expanded form ▽ | ? Search Tips   Try this search in The Digital Library
                                           ☐ Open results in a new window

Results 1 - 20 of 78   Result page: **1** 2 3 4   next

Relevance scale ☐ ◩ ◧ ◪ ■

1 Product family modeling and design support: An approach based on graph rewriting systems   ■
Xuehong Du, Jianxin Jiao, Mitchell M. Tseng
April 2002 **Artificial Intelligence for Engineering Design, Analysis and Manufacturing,**
Volume 16 Issue 2
Additional Information: full citation, abstract

> Earlier research on product family design (PFD) often highlights isolated and successful empirical studies with a limited attempt to explore the modeling and design support issues surrounding this economically important class of engineering design problems. This paper proposes a graph rewriting system to organize product family data according to the underpinning logic and to model product derivation mechanisms for PFD. It represents the structural and behavioral aspects of product families as fa ...

> **Keywords**: Design Automation, Graph Grammar, Mass Customization Systems, PROGRES, Product Family

2 PIROL: a case study for multidimensional separation of concerns in software engineering environments   ◧
Stephan Herrmann, Mira Mezini
October 2000 **ACM SIGPLAN Notices , Proceedings of the 15th ACM SIGPLAN conference on Object-oriented programming, systems, languages, and applications,** Volume 35 Issue 10

Full text available: 🔲 pdf(441.79 KB)   Additional Information: full citation, abstract, references, citings, index terms

> In this paper, we present our experience with applying multidimensional separation of concerns to a software engineering environment. By comparing two different designs of our system, we show the importance of separating integration issues from the implementation of the individual concerns. We present a model in which integration issues are encapsulated into rst--class connector objects and indicate how this facilitates the understandability, maintenance and evolution of the system. We identify ...

> **Keywords**: component integration, domain—specific language, separation of concerns, software engineering environment

3 A UML Based Approach for Modeling and Implementing Multi-Agent Systems   ◧
Viviane Torres da Silva, Ricardo Choren, Carlos J. P. de Lucena
July 2004 **Proceedings of the Third International Joint Conference on Autonomous Agents and Multiagent Systems - Volume 2**

Full text available: pdf(316.25 KB)   Additional Information: full citation, abstract, index terms

In this paper we present an agent-oriented modeling language, called MAS-ML, and an approach for mapping its diagrams into Java implementations. MAS-ML extends the UML meta-model describing new meta-classes and stereotypes, extending the class and sequence diagrams and proposing two new diagrams: organization and role diagram. The paper also relates MAS-ML to other modeling languages that also extend the UML for modeling multi-agent systems.

4 Architectures to Survive Technological and Business Turbulences

Francesco Caruso, Amjad Umar
March 2004 **Information Systems Frontiers**, Volume 6 Issue 1

Full text available: Publisher Site   Additional Information: full citation, abstract, index terms

Survivable architectures are needed so that the current and future systems can tolerate the usual turbulences of technology and business climate. This paper, based on insights gained through practical experience with several architectural projects in the telecom industry and active participation in the standards bodies, highlights the work being done on survivable architectures. Instead of presenting theoretical models, this paper relies on best practices and explains the concepts thro ...

Keywords: Model Driven Architecture (MDA), distributed systems, enterprise systems, middleware

5 Generating the user interface: KnowiXML: a knowledge-based system generating multiple abstract user interfaces in USIXML

Elizabeth Furtado, Vasco Furtado, Kênia Soares Sousa, Jean Vanderdonckt, Quentin Limbourg
November 2004 **Proceedings of the 3rd annual conference on Task models and diagrams**

Full text available: pdf(242.56 KB)   Additional Information: full citation, abstract, references, index terms

This research presents a multidisciplinary approach aimed at generating multiple Abstract User Interfaces (AUIs), which are adaptable for different kinds of users, performing different tasks, using specific devices in various physical environments. The UI generation framework, called IKnowU, is based on a unified process for interactive system design, which integrates Software Engineering (SE), and Human-Computer Interaction (HCI) best practices. This framework is supported by KnowiXML, a Knowle ...

Keywords: abstract user interface, design knowledge, expert system, knowledge base, problem solving methods

6 Technical papers: NETKIT: a software component-based approach to programmable networking

Geoff Coulson, Gordon Blair, David Hutchison, Ackbar Joolia, Kevin Lee, Jo Ueyama, Antonio Gomes, Yimin Ye
October 2003 **ACM SIGCOMM Computer Communication Review**, Volume 33 Issue 5

Full text available: pdf(316.64 KB)   Additional Information: full citation, abstract, references, citings, index terms

While there has already been significant research in support of openness and programmability in networks, this paper argues that there remains a need for generic support for the integrated development, deployment and management of programmable networking software. We further argue that this support should explicitly address the management of run-time reconfiguration of systems, and should be independent of any particular programming paradigm (e.g. active networking or open signaling), programmin ...

Keywords: components, middleware, programmable networking, reflection

7 A meta model and an infrastructure for the non-transparent replication of object databases

Werner Dreyer, Klaus R. Dittrich

November 2000 **Proceedings of the ninth international conference on Information and knowledge management**

Full text available: pdf(179.36 KB)   Additional Information: full citation, references, index terms

Keywords: object databases, object replication, replication meta models

8 Evolution and change in data management — issues and directions

John F. Roddick, Lina Al-Jadir, Leopoldo Bertossi, Marlon Dumas, Florida Estrella, Heidi Gregersen, Kathleen Hornsby, Jens Lufter, Federica Mandreoli, Tomi Männistö, Enric Mayol, Lex Wedemeijer

March 2000 **ACM SIGMOD Record**, Volume 29 Issue 1

Full text available: pdf(450.80 KB)   Additional Information: full citation, abstract, citings, index terms

One of the fundamental aspects of information and database systems is that they change. Moreover, in so doing they evolve, although the manner and quality of this evolution is highly dependent on the mechanisms in place to handle it. While changes in data are handled well, changes in other aspects, such as structure, rules, constraints, the model, etc., are handled to varying levels of sophistication and completeness. In order to study this in more detail a workshop on Evolution ...

Keywords: change management, data evolution, model evolution, schema evolution

9 A model-based approach to simulation composition

Jesse Aronson, Prasanta Bose

May 1999 **Proceedings of the 1999 symposium on Software reusability**

Full text available: pdf(1.25 MB)   Additional Information: full citation, references, index terms

Keywords: component selection, composition, constraints, domain-specific architectural model, hierarchical decomposition, simulation

10 Modeling software architectures in the Unified Modeling Language

Nenad Medvidovic, David S. Rosenblum, David F. Redmiles, Jason E. Robbins

January 2002 **ACM Transactions on Software Engineering and Methodology (TOSEM)**, Volume 11 Issue 1

Full text available: pdf(779.54 KB)   Additional Information: full citation, abstract, references, citings, index terms, review

The Unified Modeling Language (UML) is a family of design notations that is rapidly becoming a de facto standard software design language. UML provides a variety of useful capabilities to the software designer, including multiple, interrelated design views, a semiformal semantics expressed as a UML meta model, and an associated language for expressing formal logic constraints on design elements. The primary goal of this work is an assessment of UML's expressive power for modeling software archit ...

Keywords: C2, Object Constraint Language, Rapide, Unified Modeling Language, Wright, formal modeling, object-oriented design, software architecture

11 Process-Based E-Service Composition for Modeling and Automating Zero Latency Supply Chains

Dimitrios Georgakopoulos, Hans Schuster, Andrzej Cichocki, Donald Baker
April 2002 **Information Systems Frontiers**, Volume 4 Issue 1

Full text available: Publisher Site   Additional Information: full citation, abstract, index terms

> *E-services* are teams of applications and humans (participating electronically) that work together to provide a service or a product. Virtual Enterprises (VEs) are business or organizations that provide products or services that are created and managed by combining and wrapping e-services provided by multiple independent enterprises. To operate efficiently VEs must form supply chains that utilize and manage e-services. In this paper, we propose a *Service Oriented Process model* (S ...

Keywords: component integration, process modeling, supply chain management, web service composition

12 Building a federation of process support systems

Jacky Estublier, Mahfound Amiour, Samir Dami
March 1999 **ACM SIGSOFT Software Engineering Notes , Proceedings of the international joint conference on Work activities coordination and collaboration**, Volume 24 Issue 2

Full text available: pdf(1.31 MB)   Additional Information: full citation, abstract, references, citings, index terms

> The effort in software process support has focused so far on modeling and enacting processes. A certain amount of work has been done, but little has reached a satisfactory level of maturity and acceptance. In our opinion, this is due to the difficulty for a system to accommodate the very numerous aspects involved in software processes. A complete process support should cover topics ranging from low level tasks (like compiling) to organizational and strategic tasks. This includes process enhancem ...

Keywords: architecture, federation, interoperability, process, process support system

13 Fast detection of communication patterns in distributed executions

Thomas Kunz, Michiel F. H. Seuren
November 1997 **Proceedings of the 1997 conference of the Centre for Advanced Studies on Collaborative research**

Full text available: pdf(4.21 MB)   Additional Information: full citation, abstract, references, index terms

> Understanding distributed applications is a tedious and difficult task. Visualizations based on process-time diagrams are often used to obtain a better understanding of the execution of the application. The visualization tool we use is Poet, an event tracer developed at the University of Waterloo. However, these diagrams are often very complex and do not provide the user with the desired overview of the application. In our experience, such tools display repeated occurrences of non-trivial commun ...

14 Workshop on compositional software architectures: workshop report

May 1998 **ACM SIGSOFT Software Engineering Notes**, Volume 23 Issue 3

Full text available: pdf(2.91 MB)   Additional Information: full citation, index terms

15 Surveying current research in object-oriented design

Rebecca J. Wirfs-Brock, Ralph E. Johnson
September 1990 **Communications of the ACM**, Volume 33 Issue 9

Full text available: pdf(2.82 MB)   Additional Information: full citation, abstract, references, citings, index terms, review

The state of object-oriented is evolving rapidly. This survey describes what are currently thought to be the key ideas. Although it is necessarily incomplete, it contains both academic and industrial efforts and describes work in both the United States and Europe. It ignores well-known ideas, like that of Coad and Meyer [34], in favor of less widely known projects.Research in object-oriented design can be divided many ways. Some research is focused on describing a design process. ...

16 A formal approach to the definition and the design of conceptual schemata for databased systems

Carlo Zaniolo, Michel A. Melkaoff
March 1982 **ACM Transactions on Database Systems (TODS)**, Volume 7 Issue 1

Full text available: pdf(2.83 MB)   Additional Information: full citation, abstract, references, citings, index terms

A formal approach is proposed to the definition and the design of conceptual database diagrams to be used as conceptual schemata in a system featuring a multilevel schema architecture, and as an aid for the design of other forms of schemata. We consider E-R (entity-relationship) diagrams, and we introduce a new representation called CAZ-graphs. A rigorous connection is established between these diagrams and some formal constraints used to describe relationships in the frame ...

17 Requirements interaction management

William N. Robinson, Suzanne D. Pawlowski, Vecheslav Volkov
June 2003 **ACM Computing Surveys (CSUR)**, Volume 35 Issue 2

Full text available: pdf(1.24 MB)   Additional Information: full citation, abstract, references, index terms

Requirements interaction management (RIM) is the set of activities directed toward the discovery, management, and disposition of critical relationships among sets of requirements, which has become a critical area of requirements engineering. This survey looks at the evolution of supporting concepts and their related literature, presents an issues-based framework for reviewing processes and products, and applies the framework in a review of RIM state-of-the-art. Finally, it presents seven researc ...

Keywords: KAOS, KATE, Oz, Requirements engineering, Telos, WinWin, analysis and design, composite system, deficiency driven design, dependency analysis, distributed intentionality, interaction analysis, software cost reduction (SCR)., system architecture, system specification, viewpoints

18 GEAMAS: A Generic Architecture for Agent-Oriented Simulations of Complex Processes

Pierre Marcenac, Sylvain Giroux
May 1998 **Applied Intelligence**, Volume 8 Issue 3

Full text available: Publisher Site   Additional Information: full citation, abstract

This paper's object is to present the results of the GEAMAS project which aims at modeling and simulating natural complex systems. GEAMAS is a generic architecture of agents used to study the behavior emergence in such systems. It is a multiagent program meant to develop simulation applications. Modeling complex systems requires to reduce, to organize the system complexity and to describe suitable components. Complexity of the system can then be tackled with an agent-oriented ap ...

Keywords: complex systems modelling, intelligent distributed processing, multiagent systems, simulation applications, smalltalk

19 Special issue on persistent object systems: Tigukat: a uniform behavioral objectbase management system

M. Tamer Özsu, Randal Peters, Duane Szafron, Boman Irani, Anna Lipka, Adriana Muñoz

July 1995   **The VLDB Journal — The International Journal on Very Large Data Bases**,
Volume 4 Issue 3

Full text available: ▣ pdf(2.78 MB)   Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>citings</u>

We describe the TIGUKAT objectbase management system, which is under development at the Laboratory for Database Systems Research at the University of Alberta. TIGUKAT has a novel object model, whose identifying characteristics include a purely behavioral semantics and a uniform approach to objects. Everything in the system, including types, classes, collections, behaviors, and functions, as well as meta-information, is a first-class object with well-defined behavior. In this way, the model abstr ...

Keywords: database management, objectbase management, persistent storage system, reflective system

20 <u>Workflow View Driven Cross-Organizational Interoperability in a Web Service Environment</u>   ▬

Dickson K. W. Chiu, S. C. Cheung, Sven Till, Kamalakar Karlapalem, Qing Li, Eleanna Kafeza
July 2004   **Information Technology and Management**, Volume 5 Issue 3-4

Full text available: ▣ <u>Publisher Site</u>   Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>index terms</u>

Workflow technology has recently been employed not only within businesses but also as a framework for implementing e-services over the Internet. Such e-services typically require collaborative enactment of workflows across multiple organizations. In this paper, we propose the use of workflow views as a fundamental support mechanism for the interoperability of multiple workflows across business organizations. We present a meta-model of workflow views and their semantics using a cross-organizat ...

Keywords: Web services, cross-organizational workflow, e-service, interoperation protocol, workflow view consistency, workflow views

Results 1 - 20 of 78   Result page: **1**   <u>2</u>   <u>3</u>   <u>4</u>   <u>next</u>

Useful downloads: ▣ <u>Adobe Acrobat</u>   ◎ <u>QuickTime</u>   ▣ <u>Windows Media Player</u>   ▣ <u>Real Player</u>